

?show files;ds

File 347:JAPIO Nov 1976-2004/Oct(Updated 050209)
(c) 2005 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2005/Feb W04
(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20050303,UT=20050224
(c) 2005 WIPO/Univentio

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200515
(c) 2005 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

File 120:U.S. Copyrights 1978-2005/Mar 01
(c) format only 2005 The Dialog Corp.

File 426:LCMARC-Books 1968-2005/Mar W1
(c) format only 2005 Dialog Corporation

File 430:British Books in Print 2005/Feb W4
(c) 2005 J. Whitaker & Sons Ltd.

File 483:Newspaper Abs Daily 1986-2005/Mar 05
(c) 2005 ProQuest Info&Learning

File 35:Disertation Abs Online 1861-2005/Feb
(c) 2005 ProQuest Info&Learning

File 8:Ei Compendex(R) 1970-2005/Jan W3
(c) 2005 Elsevier Eng. Info. Inc.

File 65:Inside Conferences 1993-2005/Mar W1
(c) 2005 BLDSC all rts. reserv.

File 2:INSPEC 1969-2005/Feb W4
(c) 2005 Institution of Electrical Engineers

File 94:JICST-EPlus 1985-2005/Jan W4
(c)2005 Japan Science and Tech Corp(JST)

File 6:NTIS 1964-2005/Feb W4
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 144:Pascal 1973-2005/Feb W4
(c) 2005 INIST/CNRS

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W4
(c) 2005 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 256:TecInfoSource 82-2005/Jan
(c) 2005 Info.Sources Inc

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jan
(c) 2005 The HW Wilson Co.

File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
(c) 2005 The HW Wilson Co

File 15:ABI/Inform(R) 1971-2005/Mar 08
(c) 2005 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2005/Mar 07
(c) 2005 The Gale Group

File 635:Business Dateline(R) 1985-2005/Mar 08
(c) 2005 ProQuest Info&Learning

File 610:Business Wire 1999-2005/Mar 08
(c) 2005 Business Wire.

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 647:CMP Computer Fulltext 1988-2005/Feb W3
(c) 2005 CMP Media, LLC

File 275:Gale Group Computer DB(TM) 1983-2005/Mar 08
(c) 2005 The Gale Group

File 674:Computer News Fulltext 1989-2005/Mar W1
(c) 2005 IDG Communications

File 20:Dialog Global Reporter 1997-2005/Mar 08
(c) 2005 The Dialog Corp.

File 98:General Sci Abs/Full-Text 1984-2004/Dec
(c) 2005 The HW Wilson Co.

File 624:McGraw-Hill Publications 1985-2005/Mar 04
(c) 2005 McGraw-Hill Co. Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2005/Mar 08
(c) 2005 The Gale Group
File 369:New Scientist 1994-2005/Feb W3
(c) 2005 Reed Business Information Ltd.
File 636:Gale Group Newsletter DB(TM) 1987-2005/Mar 08
(c) 2005 The Gale Group
File 484:Periodical Abs Plustext 1986-2005/Feb W4
(c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Mar 08
(c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2005/Mar 08
(c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 634:San Jose Mercury Jun 1985-2005/Mar 07
(c) 2005 San Jose Mercury News
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 95:TEME-Technology & Management 1989-2005/Jan W5
(c) 2005 FIZ TECHNIK
File 148:Gale Group Trade & Industry DB 1976-2005/Mar 08
(c)2005 The Gale Group
File 13:BAMP 2005/Feb W4
(c) 2005 The Gale Group
File 75:TGG Management Contents(R) 86-2005/Feb W4
(c) 2005 The Gale Group
File 990:NewsRoom Current Nov 1 -2005/Mar 08
(c) 2005 The Dialog Corporation

Set	Items	Description
S1	5285	AU='LEE D'
S2	1476	AU='LEE D S'
S3	3	AU='LEE D.'
S4	1	AU='LEE D.S.'
S5	9	AU='LEE DAR SHYANG CALIFORNIA RESEARCH CENTER':AU='LEE DAR-SHYANG'
S6	1273	AU='LEE DS'
S7	199	AU='LEE, D'
S8	3	AU='LEE, D S'
S9	2559	AU='LEE, D.':AU='LEE, D. (EDITOR)'
S10	1	AU='LEE, D. -S.'
S11	240	AU='LEE, D. S':AU='LEE, D. S. C.'
S12	164	AU='LEE, D.-S.'
S13	245	AU='LEE, D.S.'
S14	14	AU='LEE, DAR-SHYANG'
S15	18	AU='DAR-SHYANG LEE'
S16	172	AU='HULL J'
S17	78	AU='HULL J J':AU='HULL J JR'
S18	1	AU='HULL J.J.'
S19	25	AU='HULL JJ'
S20	129	AU='HULL JONATHAN'
S21	86	AU='HULL JONATHAN J':AU='HULL JONATHAN RICOH INNOVATIONS I-NC'
S22	4	AU='HULL, J':AU='HULL, J JOE'
S23	95	AU='HULL, J.'
S24	125	AU='HULL, J. J.':AU='HULL, J. JOE'
S25	72	AU='HULL, J.J.'
S26	1	AU='HULL, JON'
S27	27	AU='HULL, JONATHAN'
S28	63	AU='HULL, JONATHAN J':AU='HULL, JONATHAN J., 1958-'
S29	1	AU='HULL, JONTHAN'
S30	12173	S1:S29
S31	3363	S30 FROM 347,348,349,350,371

S32	• 127	IC=(G06F-017? OR G06F-007?)
S33	127	S31 AND S32
S34	• 431	DATABASE? ? OR DATABANK? ? OR DATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNOWLEDGE)() (BASE? ? OR BANK? ? OR SE- T? ? OR FILE? ?) OR DB OR KNOWLEDGEBASE
S35	29	S33 AND S34
S36	1254	DOCUMENT? ? OR PAGE? ? OR PAPER? ? OR FILE? ? OR ITEM? ?
S37	19	S35 AND S36
S38	19	IDPAT (sorted in duplicate/non-duplicate order)
S39	15	IDPAT (primary/non-duplicate records only)
S40	8810	S30 NOT S31
S41	138	S34(S)S36
S42	110	S40 AND S41
S43	88	S34(10N)S36
S44	65	S40 AND S43
S45	79	S34(5N)S36
S46	58	S40 AND S45
S47	40	S46 NOT PY>1998
S48	40	S47 NOT PD=19981104:20050430
S49	23	RD (unique items)
read S50	38	S39 OR S49 /

5073,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01795972

Translation of slides in a multimedia presentation file
Übersetzung von Präsentationsfolien in einer Multimedia-Präsentationsdatei
Traduction des transparents dans un fichier de presentation multimedia
PATENT ASSIGNEE:

Ricoh Company, (2616510), 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo
143-8555, (JP), (Applicant designated States: all)

INVENTOR:

Erol, Berna, Ricoh Innovations, Inc., California Research Center 2882
Sand Hill Road, Suite 115 Menlo Park, CA 94025-7022, (US)
Hull, Jonathan, Ricoh Innovations, Inc., California Research Center
2882 Sand Hill Road, Suite 115 Menlo Park, CA 94025-7022, (US)
Lee, Dar-Shynag, Ricoh Innovations, Inc., California Research Center
2882 Sand Hill Road, Suite 115 Menlo Park, CA 94025-7022, (US)
Graham, Jamey, Ricoh Innovations, Inc., California Research Center 2882
Sand Hill Road, Suite 115 Menlo Park, CA 94025-7022, (US)

LEGAL REPRESENTATIVE:

Schwabe - Sandmair - Marx (100951), Stuntzstrasse 16, 81677 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1467288 A1 041013 (Basic)
EP 1467288 A8 041229

APPLICATION (CC, No, Date): EP 2004008772 040413;

PRIORITY (CC, No, Date): US 462412 030411; US 661052 030912

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-017/28

ABSTRACT WORD COUNT: 49

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200442	2848
SPEC A	(English)	200442	5534
Total word count - document A			8382
Total word count - document B			0
Total word count - documents A + B			8382

Translation of slides in a multimedia presentation file

INVENTOR:

... US)
Hull, Jonathan, Ricoh Innovations, Inc ...
...US)

Lee, Dar-Shynag, Ricoh Innovations, Inc ...

INTERNATIONAL PATENT CLASS: G06F-017/28

...ABSTRACT A1

Recorded information is accessed. A source document is determined using the recorded information. If a criterion is satisfied based on the recorded information and the source document, an action to be performed is determined. The action is then performed if it is...

LEGAL STATUS (Type, Pub Date, Kind, Text):

...Title page reprint (W1) of EP Application, Affected parts:
Bibliography, INID Code(s) - 71

...SPECIFICATION perform and more specifically to techniques for using recorded information and portions of a source document to determine actions to perform.

Presentations are a powerful tool for presenting information to participants. During the presentation, slides from a source document

...of information in recorded information, the first piece of information including information in a source document ;
code for comparing the first piece of information to information in the source document to determine information in the source document that matches the first piece of information;
code for determining if a criterion is satisfied based on the first piece of information and matched information in the source document ;
code for determining an action to be performed if the criterion is satisfied; and
code...

...wherein the first piece of information comprises an image of a slide in the source document .

71. The computer program product of claim 69, wherein the information in the source document comprises an image of a slide.

72. The computer program product of claim 69, wherein...

...determining if the criterion is satisfied comprises code for using the information in the source document specifying the criterion to determine if the criterion is satisfied.

73. The computer program product...

...performing the action comprises code for outputting translated information of the information in the source document .

74. The computer program product of claim 69, wherein information for the criterion and action associated with the criterion is associated with the source document .

75. The computer program product of claim 74, wherein the information associated with the source document is embedded in the source document .

76. The computer program product of claim 69, wherein the recorded information comprises information identifying the information in the source document that has been outputted.

77. The computer program product of claim 69, wherein the recorded...

...comprises an identifier, wherein the identifier is used to determine the information in the source document .

78. A computer program product stored on a computer-readable medium for determining translated slides of source document slides in a source document , the computer program product comprising:
code for accessing recorded information;
code for determining a source document slide in the source document using the recorded information;
code for determining a translated slide of the source document slide;
code for communicating the translated slide to a device.

79. The computer program product...

...product of claim 78, wherein the recorded information comprises an image of an outputted source document slide.

81. The computer program product of claim 80, wherein the code for determining the source document slide comprises code for comparing the image of the outputted source document slide to information in the source document slide to determine if the image of the outputted source document matches the information in the source document slide.

82. The computer program product of claim 78, wherein the recorded information comprises information indicating that the source document slide in the source document has been outputted.

83. The computer program product of claim 78, wherein the recorded information comprises a slide number, wherein the slide number is used to determine the source document slide.

(c)* 2005 * Thomson Derwent. All rts. reserv.

016163923 **Image available**

WPI Acc No: 2004-321810/200430

XRPX Acc No: N04-256266

Document processing method involves processing document using relevant information related to document , based on usage state or storage location of document

Patent Assignee: RICOH KK (RICO)

Inventor: GRAHAM J; HULL J J ; LEE D

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004098679	A	20040402	JP 2003300098	A	20030825	200430 B
US 20040079796	A1	20040429	US 2002235028	A	20020903	200430

Priority Applications (No Type Date): US 2002235028 A 20020903

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004098679	A		28	B42F-021/00	
US 20040079796	A1			G06F-017/00	

Document processing method involves processing document using relevant information related to document , based on usage state or storage location of document

...Inventor: HULL J J ...

... LEE D

Abstract (Basic):

... Relevant information related to a document (126) is received, based on the information read from an identification tag of the document . Information related to the storage location of the document is received. The document is processed, using the relevant information , based on the usage state or storage location of the document .

... 1) document processing system; and...

...2) document processing program...

...For processing document for preparing e-mail message or photocopy, in non-business and office applications...

...Efficient processing of the document is ensured...

...The figure shows the block diagram of the document processing system.

(Drawing includes non-English language text...

Title Terms: DOCUMENT ;

...International Patent Class (Main): G06F-017/00

International Patent Class (Additional): G06F-017/30 ...

50/3,K/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015780396 **Image available**

WPI Acc No: 2003-842598/200378

XRPX Acc No: N03-673241

Source code file compilation method for software applications, involves parsing file expressions according to structured query language, if expressions are enclosed within attribute delimiter string and terminator

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: LEE D ; ROWE D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6629313	B1	20030930	US 2000606960	A	20000629	200378 B

Priority Applications (No Type Date): US 2000606960 A 20000629

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6629313	B1	13	G06F-009/45	

Source code file compilation method for software applications, involves parsing file expressions according to structured query language, if expressions are enclosed within attribute delimiter string and...

Inventor: LEE D ...

Abstract (Basic):

... A source code file is parsed into a set of expressions.

Expressions are translated according to C++ language into...

... 1) computerized system of implementing source code file compilation; and...

...2) recorded medium storing source code file compilation program...

...For compiling source code file containing in-line database access statements, using computer system (claimed), for software applications ...

...Allows developers to embed database language code into native programming language source code files, without requiring the use of a pre-compiler...

...The figure shows a flowchart explaining the source code file compilation procedure...

...Title Terms: FILE ;

International Patent Class (Additional): G06F-007/00 ...

... G06F-017/30

50/3,K/9 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013855615 **Image available**

WPI Acc No: 2001-339828/200136

XRPX Acc No: N01-245812

Document search system operation procedure involves generating reference document comprising text and image zones corresponding to users input document, based on which target document is searched in database

Patent Assignee: RICOH KK (RICO)

Inventor: CULLEN J F; HULL J J

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001092852	A	20010406	JP 2000119143	A	20000420	200136 B
US 6397213	B1	20020528	US 99311200	A	19990512	200243

Priority Applications (No Type Date): US 99311200 A 19990512

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001092852	A	19	G06F-017/30	
US 6397213	B1		G06F-017/30	

JP 2001092852 A 19 G06F-017/30

US 6397213 B1 G06F-017/30

Document search system operation procedure involves generating reference document comprising text and image zones corresponding to users input document, based on which target document is searched in database

...Inventor: HULL J J

Abstract (Basic):

... The procedure involves resolving the document input by the user into text and image zones, A reference document (214) corresponding to the input document is generated. The target document is searched in the database (222), based on text or images in the zones of reference document .

... b) Document control system...

...c) Document reference system...

...d) Document archive system operation procedure...

...e) Document database perusal...

...For operating document search system used in internet applications...

...As the target document is searched based on texts and images in zones of reference document generated corresponding to users input document , search operation is performed easily and efficiently...

...The figure shows the explanatory drawing of document . (Drawing includes non-English language text...

...Reference document (214...

... Database (222

Title Terms: DOCUMENT ;

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-017/00 ...

50/3,K/11 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013510673 **Image available**

WPI Acc No: 2000-682619/200067

XRPX Acc No: N00-505407

Document matching procedure involves generating bit distribution of inquiry document , and comparing bit distribution with that of first few sentences of document in database

Patent Assignee: RICOH KK (RICO)

Inventor: HULL J J ; LEE D ; HULL J

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000285139	A	20001013	JP 99307938	A	19991029	200067 B
US 6363381	B1	20020326	US 98186041	A	19981103	200226
US 20020116379	A1	20020822	US 98186041	A	19981103	200258
			US 200258169	A	20020125	

Priority Applications (No Type Date): US 98186041 A 19981103; US 200258169 A 20020125

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

JP 2000285139	A		20	G06F-017/30	
---------------	---	--	----	-------------	--

US 6363381	B1			G06F-017/30	
------------	----	--	--	-------------	--

US 20020116379	A1			G06F-007/00	Cont of application US 98186041
----------------	----	--	--	-------------	---------------------------------

Document matching procedure involves generating bit distribution of inquiry document , and comparing bit distribution with that of first few sentences of document in database

Inventor: HULL J J ...

...LEE D ...

..." HULL J

Abstract (Basic):

... The bit distribution of an inquiry document (12) is generated to encode each pixel line, and then compared with the bit distribution about the first few sentences of a document in a database (14) to determine if both documents are in accord.
... Enables highly precise document matching with few amount of calculations and without need to expand or compress document image...

...Inquiry document (12...

... Database (14

Title Terms: DOCUMENT ;

International Patent Class (Main): G06F-007/00 ...

... G06F-017/30

50/3,K/12 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012426213 **Image available**
WPI Acc No: 1999-232321/199920
XRPX Acc No: N99-172165

Database search method for document images containing textual components

Patent Assignee: RICOH KK (RICO)
Inventor: CULLEN J F; HULL J J ; CULLEN J
Number of Countries: 005 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2330930	A	19990505	GB 9820556	A	19980921	199920 B
DE 19843445	A1	19990520	DE 1043445	A	19980922	199926
JP 11149485	A	19990602	JP 98263041	A	19980917	199932
CN 1216382	A	19990512	CN 98124346	A	19980924	199937
US 5995978	A	19991130	US 97936336	A	19970924	200003
GB 2330930	B	20000405	GB 9820556	A	19980921	200020

Priority Applications (No Type Date): US 97936336 A 19970924

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2330930	A		40	G06F-017/30	
JP 11149485	A		15	G06F-017/30	
US 5995978	A			G06F-017/00	
GB 2330930	B			G06F-017/30	
DE 19843445	A1			G06F-017/30	
CN 1216382	A			G06T-007/20	

Database search method for document images containing textual components

...Inventor: HULL J J

Abstract (Basic):

... Text is accepted from a user as a keyword, and the textual component of the document images are searched for the keyword. Document images having the keyword contained in their textual component are grouped into a number of clusters based upon the document 's compressed or non-compressed representation. A representative document image is displayed for each cluster for selection by the user.
... i) a method for organizing a number of document images in a database

(...
 ...iii) a document image database organizing system...
 ...Searching a document image database using keyword searching...
 ...The system automatically determines visual characteristics of document
 images and collects documents together according to the relative
 similarity of their document images...
 ...The figure shows a flowchart describing a representative querying
 operation of the database .

Title Terms: DATABASE ;
 International Patent Class (Main): G06F-017/00 ...

... G06F-017/30

50/3,K/13 (Item 12 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

011458893 **Image available**
 WPI Acc No: 1997-436800/199741
 XRPX Acc No: N97-363093

Search process for document -image database - using sample document
 image and image characteristics data for searching through database ,
 displaying search results and uses search result as key for further
 search

Patent Assignee: RICOH KK (RICO); RICOH CORP (RICO)

Inventor: CULLEN J; HART P; HULL J

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19708265	A1	19970904	DE 1008265	A	19970228	199741 B
JP 9237282	A	19970909	JP 9723429	A	19970206	199746
US 5933823	A	19990803	US 96609641	A	19960301	199937
CN 1170168	A	19980114	CN 97102957	A	19970228	200323

Priority Applications (No Type Date): US 96609641 A 19960301

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19708265	A1		21	G06F-017/30	
JP 9237282	A		13	G06F-017/30	
US 5933823	A			G06F-017/30	
CN 1170168	A			G06F-017/30	

Search process for document -image database - ...

...using sample document image and image characteristics data for
 searching through database , displaying search results and uses search
 result as key for further search

...Inventor: HULL J

...Abstract (Basic): 24], mouse [38], keyboard [30], hard disk [32], and
 scanner [34]. The system memory contains documents that have a range
 of different data formats and layouts...

...The search procedure is made on the basis of defined example document
 structures. The example document structures can be entered by optical
 scanning...

...USE/ADVANTAGE - Database searching. Allows document structure to be
 used as basis of search...

...Title Terms: DOCUMENT ;

International Patent Class (Main): G06F-017/30

50/3,K/14 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011352119 **Image available**
WPI Acc No: 1997-330025/199730
XRPX Acc No: N97-273796

Document search method using electronic document management system
with copier - by using minimum of one document in document database
that contains descriptor similar to that of purpose document , to check
coincidence document of purpose document

Patent Assignee: RICOH KK (RICO); RICOH CORP (RICO)

Inventor: HULL J ; PEAIRS M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9134372	A	19970520	JP 96219939	A	19960821	199730 B
US 5867597	A	19990202	US 95523731	A	19950905	199912

Priority Applications (No Type Date): US 95523731 A 19950905

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9134372	A	22		G06F-017/30	
US 5867597	A			G06K-009/62	

Document search method using electronic document management system
with copier...

...by using minimum of one document in document database that
contains descriptor similar to that of purpose document , to check
coincidence document of purpose document

Inventor: HULL J ...

...Abstract (Basic): The method involves using a document search system
(10) which includes a document database (16) that stores data of a
purpose document (24). The image of the purpose document is input
in the document search system. The boundary of the characters in the
image of the purpose document is detected. The space between the
characters is measured based on one sample of the...

...The descriptor of the purpose document is produced based on the space
between words and on the pattern of a label in a word. The index of
several descriptors is searched in the document database using the
descriptor of the purpose document . A minimum of one document in
the document database that contains a descriptor similar to that of
the purpose document , is used to check the coincidence document of
the purpose document .

...

...ADVANTAGE - Improves document management system by performing
high-speed illustration search

Title Terms: DOCUMENT ;

International Patent Class (Main): G06F-017/30 ...

50/3,K/15 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010551560 **Image available**
WPI Acc No: 1996-048513/199605
XRPX Acc No: N96-040715

Input document to database reference document matching appts - has

descriptors database contg lists of descriptors where latter are
derived from feature document

Patent Assignee: RICOH KK (RICO); RICOH CORP (RICO)

Inventor: HART P E; HULL J J

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5465353	A	19951107	US 94222281	A	19940401	199605 B
JP 7282088	A	19951027	JP 9575168	A	19950331	199605

Priority Applications (No Type Date): US 94222281 A 19940401

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5465353	A		20	G06F-015/40	
JP 7282088	A		24	G06F-017/30	

Input document to database reference document matching appts...
...has descriptors database contg lists of descriptors where latter are
derived from feature document

...Inventor: HULL J J

...Abstract (Basic): The appts includes a document database , wherein
reference descriptors are derived from content of reference documents
in the document database . A descriptor database identifies for
each reference descriptor a list of reference documents which include
content from which the each reference descriptor is derived...

...The descriptor database includes for each reference document , a
number of redundant reference descriptors for the each reference
document . A reference descriptor is redundant in that the each
reference document is identifiable from less than all of the number
of redundant reference descriptors for the each reference document .
An input device is used for inputting content of an input document to
be matched against the reference documents of the document
database .

...

...USE/ADVANTAGE - In image processing and storage, e.g. for comparing
input document to database of stored documents and finding
documents matching that input. Improved matching text-graphic
documents and in case of noise preclusion of exact
character-by-character or pixel-by- pixel

...Title Terms: DOCUMENT ;

...International Patent Class (Main): G06F-017/30

50/3,K/16 (Item 1 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04928232 E.I. No: EIP97083766278

Title: Document matching on CCITT Group 4 compressed images

Author: Hull, Jonathan J.

Corporate Source: Ricoh California Research Cent., Menlo Park, CA, USA

Conference Title: Document Recognition IV

Conference Location: San Jose, CA, USA Conference Date:
19970212-19970213

E.I. Conference No.: 22995

Source: Proceedings of SPIE - The International Society for Optical
Engineering v 3027 1997. Society of Photo-Optical Instrumentation
Engineers, Bellingham, WA, USA. p 82-87

Publication Year: 1997

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-2438-2

Language: English

Author: Hull, Jonathan J.

...Abstract: data provide better than 95 percent correct retrieval accuracy with no false positives on a database of 800 documents . 5
Refs.

50/3,K/17 (Item 2 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04852892 E.I. No: EIP97103884143

Title: Document image database retrieval and browsing using texture analysis

Author: Cullen, John F.; Hull, Jonathan J. ; Hart, Peter E.

Corporate Source: Ricoh Silicon Valley Inc, Menlo Park, CA, USA

Conference Title: Proceedings of the 1997 4th International Conference on Document Analysis and Recognition, ICDAR. Part 2 (of 2)

Conference Location: Ulm, Ger Conference Date: 19970818-19970820

E.I. Conference No.: 47157

Source: Proceedings of the International Conference on Document Analysis and Recognition, ICDAR v 2 1997. IEEE, Los Alamitos, CA, USA, 97TB100138. p 718-721

Publication Year: 1997

CODEN: 002693

Language: English

Title: Document image database retrieval and browsing using texture analysis

Author: Cullen, John F.; Hull, Jonathan J. ; Hart, Peter E.

...Abstract: system is presented that uses texture to retrieve and browse images stored in a large document image database . A method of graphically generating a candidate search image is used that shows the visual...

Identifiers: Document image database retrieval; World wide web (WWW) browsers

50/3,K/19 (Item 4 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04587650 E.I. No: EIP97013486576

Title: Performance evaluation for document analysis

Author: Hull, Jonathan J.

Corporate Source: Ricoh California Research Cent, Menlo Park, CA, USA

Source: International Journal of Imaging Systems and Technology v 7 n 4 Winter 1996. p 357-362

Publication Year: 1996

CODEN: IJITEG ISSN: 0899-9457

Language: English

Author: Hull, Jonathan J.

...Abstract: document analysis system is presented. This framework takes into account the task definition for the document analysis system, a data base on which that system is evaluated, the metrics used to evaluate performance, and the generalization...

50/3,K/23 (Item 1 from file: 65)

DIALOG(R)File 65:Inside Conferences

(c) 2005 BLDSC all rts. reserv. All rts. reserv.

02465565 INSIDE CONFERENCE ITEM ID: CN025747050

Document Databases

Hu, J. Y.; Jaisimha, M. Y.

CONFERENCE: Document analysis systems-Workshop; 2nd
SERIES IN MACHINE PERCEPTION AND ARTIFICIAL INTELLIGENCE, 1998; VOL 29
P: 503-505
Singapore, River Edge, NJ, World Scientific, 1998
ISBN: 9810231032
LANGUAGE: English DOCUMENT TYPE: Conference Selected papers and reports
CONFERENCE EDITOR(S): Hull, J. J. ; Taylor, S. L.
CONFERENCE LOCATION: Malvern, PA
CONFERENCE DATE: Oct 1996 (199610) (199610)
NOTE:
Also known as the 1996 DAS workshop

Document Databases
CONFERENCE EDITOR(S): Hull, J. J. ; Taylor, S. L.

50/3,K/28 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4974037 INSPEC Abstract Number: C9507-5260B-329
Title: Document recognition for a digital library
Author(s): Srihari, S.N.; Lam, S.W.; Hull, J.J.
Author Affiliation: CEDAR, State Univ. of New York, Buffalo, NY, USA
p.119-28
Editor(s): Adam, N.R.; Bhargava, B.K.; Yesha, Y.
Publisher: Springer-Verlag, Berlin, Germany
Publication Date: 1995 Country of Publication: West Germany xiii+321
pp.
ISBN: 3 540 59282 2
Conference Title: Digital Libraries. Current Issues. Digital Libraries
Workshop DL'94. Selected Papers
Conference Date: 19-20 May 1994 Conference Location: Newark, NJ, USA
Language: English
Subfile: C
Copyright 1995, IEE

Author(s): Srihari, S.N.; Lam, S.W.; Hull, J.J.
...Abstract: algorithm. The neighbourhoods of visually similar words
determined by word recognition are matched to a database of documents
and a subset of documents with topics that are similar to those of the
input...

50/3,K/30 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2005 INIST/CNRS. All rts. reserv.

13182149 PASCAL No.: 97-0445654
The use of document structure analysis to retrieve information from
documents in digital libraries
Document recognition IV : San Jose CA, 12-13 February 1997
NIYOGI D; SRIHARI S N
VINCENT Luc M, ed; HULL Jonathan J , ed
Center of Excellence for Document Analysis and Recognition, State
University of New York at Buffalo, Buffalo, NY 14228-2567, United States
International Society for Optical Engineering, Bellingham WA, United
States.
Document recognition. Conference, 4 (San Jose CA USA) 1997-02-12
Journal: SPIE proceedings series, 1997, 3027 207-218
Language: English

Copyright (c) 1997 INIST-CNRS. All rights reserved.

VINCENT Luc M, ed; HULL Jonathan J , ed

English Descriptors: Document structure; Electronic document management system; Information retrieval; Document layout; Knowledge base ; Database query; Document analysis; Digital information; Library; Multimedia

50/3,K/31 (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2005 INIST/CNRS. All rts. reserv.

13182143 PASCAL No.: 97-0445648
Performance evaluation of document layout analysis algorithms on the UW data set
Document recognition IV : San Jose CA, 12-13 February 1997
LIANG J; PHILLIPS I T; HARALICK R M
VINCENT Luc M, ed; HULL Jonathan J , ed
Department of Electrical Engineering, University of Washington, Seattle, Washington 98195, United States; Department of Computer Science, Seattle University, Seattle, Washington 98122, United States
International Society for Optical Engineering, Bellingham WA, United States.
Document recognition. Conference, 4 (San Jose CA USA) 1997-02-12
Journal: SPIE proceedings series, 1997, 3027 149-160
Language: English

Copyright (c) 1997 INIST-CNRS. All rights reserved.

VINCENT Luc M, ed; HULL Jonathan J , ed
...layout analysis (page segmentation) is discussed in this paper. In the University of Washington English Document Image Database -III, there are 1600 English document images that come with manually edited ground truth of entity bounding boxes. These bounding boxes...

... representation. The protocol is intended to serve as a model for using the UW-III database to evaluate the document analysis algorithms. A set of layout analysis algorithms which detect different entities have been tested...

English Descriptors: Document layout; Document analysis; Segmentation; Performance evaluation; Database ; Electronic document management system

50/AA,AN,AZ,TI/1 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01795972

Translation of slides in a multimedia presentation file
Übersetzung von Präsentationsfolien in einer Multimedia-Präsentationsdatei
Traduction des transparents dans un fichier de presentation multimedia
APPLICATION (CC, No, Date): EP 2004008772 040413;
PRIORITY (CC, No, Date): US 462412 030411; US 661052 030912

50/AA,AN,AZ,TI/2 (Item 1 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016163923

WPI Acc No: 2004-321810/
Document processing method involves processing document using
relevant information related to document , based on usage state or
storage location of document
Local Applications (No Type Date): JP 2003300098 A 20030825; US 2002235028
A 20020903
Priority Applications (No Type Date): US 2002235028 A 20020903

50/AA,AN,AZ,TI/3 (Item 2 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016083409

WPI Acc No: 2004-241284/
Electronic document information storage method for paper document ,
involves storing determined electronic document information along with
identification code read from tags that is physically attached with
paper document in database
Local Applications (No Type Date): EP 200318794 A 20030828; US 2002235042 A
20020903; JP 2003310155 A 20030902
Priority Applications (No Type Date): US 2002235042 A 20020903

50/AA,AN,AZ,TI/4 (Item 3 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015780396

WPI Acc No: 2003-842598/
Source code file compilation method for software applications, involves
parsing file expressions according to structured query language, if
expressions are enclosed within attribute delimiter string and terminator
Local Applications (No Type Date): US 2000606960 A 20000629
Priority Applications (No Type Date): US 2000606960 A 20000629

50/AA,AN,AZ,TI/5 (Item 4 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014851572

WPI Acc No: 2002-672278/
Method for checking credit data based on online network
Local Applications (No Type Date): KR 200166732 A 20011029
Priority Applications (No Type Date): KR 200064053 A 20001030

50/AA,AN,AZ,TI/6 (Item 5 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014785131

WPI*Acc No: 2002-605837/

Target marketing method by transmission and response of product/service information using mobile communication terminal

Local Applications (No Type Date): KR 200054390 A 20000916; KR 200054390 A 20000916

Priority Applications (No Type Date): KR 200054390 A 20000916

50/AA,AN,AZ,TI/7 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014493528

WPI Acc No: 2002-314231/

Member store advertising system and operation method thereof

Local Applications (No Type Date): KR 200121429 A 20010420

Priority Applications (No Type Date): KR 200021081 A 20000420

50/AA,AN,AZ,TI/8 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013945774

WPI Acc No: 2001-429987/

System and method of card management based on network

Local Applications (No Type Date): KR 200019852 A 20000415

Priority Applications (No Type Date): KR 200019852 A 20000415

50/AA,AN,AZ,TI/9 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013855615

WPI Acc No: 2001-339828/

Document search system operation procedure involves generating reference document comprising text and image zones corresponding to users input document, based on which target document is searched in database

Local Applications (No Type Date): JP 2000119143 A 20000420; US 99311200 A 19990512

Priority Applications (No Type Date): US 99311200 A 19990512

50/AA,AN,AZ,TI/10 (Item 9 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013787350

WPI Acc No: 2001-271561/

Computer system for merchandising certified autographs over the Internet has client systems and a central server providing web pages including an autograph order form and other information

Local Applications (No Type Date): KR 200044409 A 20000731; WO 2001KR1296 A 20010730; AU 200176763 A 20010730; CN 2001813792 A 20010730; WO 2001KR1296 A 20010730; US 2003343386 A 20030130; WO 2001KR1296 A 20010730; JP 2002515657 A 20010730; KR 200044409 A 20000731

Priority Applications (No Type Date): KR 200044409 A 20000731

50/AA,AN,AZ,TI/11 (Item 10 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013510673

WPI Acc No: 2000-682619/

Document matching procedure involves generating bit distribution of inquiry document, and comparing bit distribution with that of first few sentences of document in database

Local Applications (No Type Date): JP 99307938 A 19991029; US 98186041 A 19981103; US 98186041 A 19981103; US 200258169 A 20020125
Priority Applications (No Type Date): US 98186041 A 19981103; US 200258169 A 20020125

50/AA,AN,AZ,TI/12 (Item 11 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012426213

WPI Acc No: 1999-232321/

Database search method for document images containing textual components

Local Applications (No Type Date): GB 9820556 A 19980921; US 97936336 A 19970924; GB 9820556 A 19980921; DE 1043445 A 19980922; JP 98263041 A 19980917; CN 98124346 A 19980924
Priority Applications (No Type Date): US 97936336 A 19970924

50/AA,AN,AZ,TI/13 (Item 12 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011458893

WPI Acc No: 1997-436800/

Search process for document -image database - using sample document image and image characteristics data for searching through database , displaying search results and uses search result as key for further search

Local Applications (No Type Date): DE 1008265 A 19970228; JP 9723429 A 19970206; US 96609641 A 19960301; CN 97102957 A 19970228
Priority Applications (No Type Date): US 96609641 A 19960301

50/AA,AN,AZ,TI/14 (Item 13 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011352119

WPI Acc No: 1997-330025/

Document search method using electronic document management system with copier - by using minimum of one document in document database that contains descriptor similar to that of purpose document , to check coincidence document of purpose document

Local Applications (No Type Date): JP 96219939 A 19960821; US 95523731 A 19950905
Priority Applications (No Type Date): US 95523731 A 19950905

50/AA,AN,AZ,TI/15 (Item 14 from file: 350)
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

010551560

WPI Acc No: 1996-048513/

Input document to database reference document matching appts - has descriptors database contg lists of descriptors where latter are derived from feature document

Local Applications (No Type Date): US 94222281 A 19940401; JP 9575168 A 19950331
Priority Applications (No Type Date): US 94222281 A 19940401

50/AA,AN,AZ,TI/16 (Item 1 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04928232

E.I. No: EIP97083766278

Title: Document matching on CCITT Group 4 compressed images

50/AA,AN,AZ,TI/17 (Item 2 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04852892

E.I. No: EIP97103884143

Title: Document image database retrieval and browsing using texture analysis

50/AA,AN,AZ,TI/18 (Item 3 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04779007

E.I. No: EIP97083776594

Title: Estimations of global NO//x emissions and their uncertainties

50/AA,AN,AZ,TI/19 (Item 4 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04587650

E.I. No: EIP97013486576

Title: Performance evaluation for document analysis

50/AA,AN,AZ,TI/20 (Item 5 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04450756

E.I. No: EIP96073253893

Title: System to read names and addresses on tax forms

50/AA,AN,AZ,TI/21 (Item 6 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04364522

E.I. No: EIP96033109390

Title: Font and function word identification in document recognition

50/AA,AN,AZ,TI/22 (Item 7 from file: 8)
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04181289

E.I. No: EIP95031610256

Title: Font identification using visual global context

50/AA,AN,AZ,TI/23 (Item 1 from file: 65)
DIALOG(R)File 65:(c) 2005 BLDSC all rts. reserv. All rts. reserv.

02465565 INSIDE CONFERENCE ITEM ID: CN025747050

Document Databases

CONFERENCE: Document analysis systems

50/AA,AN,AZ,TI/24 (Item 2 from file: 65)
DIALOG(R)File 65:(c) 2005 BLDSC all rts. reserv. All rts. reserv.

00368603 INSIDE CONFERENCE ITEM ID: CN003499406

Interpreting Word Recognition Decisions with a Document Database Graph

CONFERENCE: Document analysis and recognition

50/AA,AN,AZ,TI/25 (Item 3 from file: 65)
DIALOG(R)File 65:(c) 2005 BLDSC all rts. reserv. All rts. reserv.

00288988 INSIDE CONFERENCE ITEM ID: CN002696800
Large database organization for document images
CONFERENCE: Fundamentals in handwriting recognition

50/AA,AN,AZ,TI/26 (Item 1 from file: 2)
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

6264900 INSPEC Abstract Number: C1999-07-7840-089
Title: Making databases support map generalization

50/AA,AN,AZ,TI/27 (Item 2 from file: 2)
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

5430450 INSPEC Abstract Number: B9701-6140C-060, C9701-6160S-007
Title: Document image matching and retrieval with multiple
distortion-invariant descriptors

50/AA,AN,AZ,TI/28 (Item 3 from file: 2)
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.
reserv.

4974037 INSPEC Abstract Number: C9507-5260B-329
Title: Document recognition for a digital library

50/AA,AN,AZ,TI/29 (Item 1 from file: 6)
DIALOG(R)File 6:(c) 2005 NTIS, Intl Cpyrght All Rights Res. All rts.
reserv.

1044611 NTIS Accession Number: DE83001909
Modeling of Fluidized-Bed Combustion of Coal. Volume V. FBC - Data Base
Management System Description. Final Report

50/AA,AN,AZ,TI/30 (Item 1 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

13182149 PASCAL No.: 97-0445654
The use of document structure analysis to retrieve information from
documents in digital libraries
Document recognition IV : San Jose CA, 12-13 February 1997

50/AA,AN,AZ,TI/31 (Item 2 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

13182143 PASCAL No.: 97-0445648
Performance evaluation of document layout analysis algorithms on the UW
data set
Document recognition IV : San Jose CA, 12-13 February 1997

50/AA,AN,AZ,TI/32 (Item 3 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

13182142 PASCAL No.: 97-0445647
Performance evaluation for line-drawing recognition systems
Document recognition IV : San Jose CA, 12-13 February 1997

50/AA,AN,AZ,TI/33 (Item 4 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

13140583 PASCAL No.: 97-0399831
Multiobjective design of a marine vehicle with aid of design knowledge

50/AA,AN,AZ,TI/34 (Item 5 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

13022048 PASCAL No.: 97-0307429
Estimations of global NO SUB x emissions and their uncertainties
AERONOX: atmospheric impact of NO SUB x emissions from aircraft

50/AA,AN,AZ,TI/35 (Item 6 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

12798137 PASCAL No.: 97-0010319
Document zone classification using sizes of connected-components
Document recognition III : San Jose CA, 29-30 January 1996

50/AA,AN,AZ,TI/36 (Item 7 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

12797914 PASCAL No.: 97-0010074
Using domain knowledge to derive the logical structure of documents
Document recognition III : San Jose CA, 29-30 January 1996

50/AA,AN,AZ,TI/37 (Item 8 from file: 144)
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

12493972 PASCAL No.: 96-0163365
Font and function word identification in document recognition

50/AA,AN,AZ,TI/38 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

05742151
Title: Estimations of global NOx emissions and their uncertainties